

PRODUCT INFORMATION



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L-613-S AUTOMATIC TRANSMISSION FLUID (SYNTHETIC)

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DESCRIPTION:

L-613-S Synthetic ATF is manufactured from synthetic base stocks with additive technology that offers reliable multi-vehicle performance. The product provides the frictional properties, wear protection, and fluid characteristics required by most heavy-duty automatic transmissions. It is formulated to sustain the demands of extreme operating conditions and retain both high temperature fluid durability and low temperature fluidity. L-613-S Synthetic ATF designed for use in heavy duty automatic transmissions in trucks and buses, waste collection trucks, bus fleets and transit vehicles. It is recommended for use in applications where the OEM specifies a fluid providing performance capabilities comparable to Allison TES-295, C-4, or TES-389.

APPLICATIONS:

L-613-S Synthetic ATF is recommended for heavy-duty application where an OEM specifies an Allison TES-295, C-4, or TES-389. It is also recommended in passenger car transmissions, including those previously serviced by GM DEX-III (H) and Ford MERC brands or requiring a Ford MERC-V fluid performance level. Demanding automotive applications such as taxi cabs police cars, delivery trucks, recreational vehicles, and tow trucks will gain added protection, extended service intervals and extend the service life of critical transmission components. Always consult your owner's manual where specific transmission fluids are required.

- * Do NOT use in CVT fluid applications, Dual-Clutch Automatic Transmissions, Ford Type F Fluid applications, or Honda power steering fluid systems.
- * Applicability of a multi-vehicle automatic transmission fluid should be checked with the owner's manual for specific vehicle suitability.
- * This product does not carry a license by any OEM but has good data to support performance in the listed specifications.

Typical Properties	
Specific Gravity @ 60° F	0.8540
Viscosity Kinematic	
cSt at 40°C -----	35.2
cSt at 100°C -----	7.0
Viscosity Index	165
Brookfield Viscosity, cP @ -40°C	9,990
Flash Point, °F	430
Pour Point, °C (°F)	-46 (-50)
Color	Red

Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing.

SPECIFIC MANUFACTURERS APPLICATIONS

AE (LT71141 – ZF 5 Speed)
Alfa Romeo (all vehicles)
Aisin Warner AW-1, JWS 3309, JWS 3324, M315 A-1, T IV
Allison C-3, C-4
Allison TES 295
Allison TES 389
American Motors ATF +3 (SM7176-E, ATF+4 (MS9602) AS 68
RC (T IV)
ATF Type A Suffix A Audi/VW G 052 025-A2
Audi/VW G-052-162-A1, G-060-162 A2
Audi 5 HP LT 71141 (ZF 5 HP 18 FL, 19FL, 24A) Audi 5 HP LT 71141 (G-052-162-A1, A2)
Audi 5 HP (ZF 5 HP 30)
Audi/VW G-055-025-A2 (JWS 3309)
Audi/VW G-052-990-A2, 055-005A2, 055-162, A2, 055-540, A2 BMW ETL-7045, 7045E (83 22 0 026 922)
BMW 7045E (3 series) BMW LA2634
BMW 5 HP LT 71141 (ZF 5 HP 18 FL, 19FL, 24A)
BMW 5 HP LT 71141 (83 22 9 407 807)
BMW 5 HP (ZF 5 HP 30)
BMW ETL-8072B (83 22 0 024 359)
BMW MINI 83 22 0 402 413 9 (JWS 3309)
BMW 5 Series (Texaco ETL-8072B) BMW 83-22-0-142516, 397114, 403249
BMW 83-22-2-152426, 163514
BMW 83-22-9-400272, 400275, 407765, 407858, 407 859
Caterpillar Power Shift TO-2
Chrysler/Eagle ATF +3 (MS 7176-E)/+4 (MS 9602) Chrysler Dodge MOPAR AS 68 RC (T IV)
Daewoo LT 71141 Daihatsu Alumix Multi Daimler NAG-1 DSIH 6p805 Esso LT 71141
Fiat (All vehicles), TYPE T IV Ford/Mazda V (XT-9-QMM5, FNR 5)
Ford MERCON® (XT-2-QDR, XT-2-QSM SYN), ESR-M2C-163-A2
Ford MERCON® V Ford MERCON® LV Ford MERCON® SP
FORD WSS M2C 922 A1, 924-A (XT-8-QAW) (JWS 3309)
GM DEXRON®, DEXRON® II, IID, IIE, III, III F/G/H
GM DEXRON® VI GM T IV
GM Type A
GM 88900925, GM9986195 (Aisin AW, JWS 3309)
Honda/Acura ATF Z1, DW-1, Premium Honda Z-1
Hyundai NWS-9638, SP-II, SP-III, SP-IV, Apollo Red 1K, JWS 3314
Idemitsu K17, Jatco 3100 PL085, ATF Red 1 Isuzu Besco ATF II, ATF III, Genuine ATF
Jaguar ATF 3403 M115, LT 71141, jlm 20238, 8342 JASO 1A, 1A-LV
JASO 2A-02
JATCO FWD in Nissan, Rover 800, VW Polo (Texaco N402)
JATCO – Jaguar X Type 2001-2005 (Idemitsu K-17)
JATCO 3100 PL085 JEEP ATF+3, ATF+4
JWS 3309 (Aisin Warner) JWS 3309 (T-IV)
JWS 3324 (WS)
Kia ATF Red 1, SP-II, SP-III, SP-IV, Apollo Red 1K
Land Rover LT 71141
MAN 339F, V1, V2, Z1, Z2, Z3
Mazda ATF-M III Mazda ATF – MV
Mercedes Benz 223.1, 236.1, 236.2, 236.3, 236.5, 236.6, 236.7, 236.8, 236.9, 236.8, 236.10, 236.11, 236.12, (NAG ½), 236.14, (Sprinter), 236.15, 236.41, 236.81
MB ZF 4 HP20
MB 5 Speed 1996-2006 (Shell 3403)
MB 722.3, 722.4, 722.5, 722.6, 722.9
Mini Cooper 83 22 0 402 413 9 (JWS 3309, T IV)
Mitsubishi Diamond SP-II, SP-III, SP-IV, J2, Dia , ATF PA
Nissan/Infinity Matic D/J/K/S/W 402
NAG 1 (Jeep Cherokee), NAG 2 (Chrysler) Opel (All vehicles)
Peugot ZF 4 HP20, AL-4 (PSA)
Porsche ATF 3403-M115, LT 71141, T IV (JWS 3309)
Queen J2, J3 Renault DP-0 Renk Doromat
SAAB T IV (JWS 3309), 93 165 146, 93 165 147
Saab AW-1 (93 165 147), 93 160 393, Aporoil
Saturn T IV (JWS 3309), 22689186
Scion (all vehicles)
Shell M 115, L12108
Shell 3403, 3353, LA 2634, M-1375.4,.5, .6, M-12108, ATF-134 SP-II
SP-III
Subaru ATF, ATF HP, K0140Y0700, SOA868V9241 Suzuki ATF 3309, 3314, 3317
Texaco ETL-7045E Texaco ETL-8072B, N402 Toyota T-II/T-III/T-IV, D-2
Toyota WS
Voith G607 G13636 (55.6336.XX)
Voith Turbo H55.6335.3X
Volvo 97340, 97341, T IV (JWS 3309), Pass. Car
Volvo 1161521, 1161540, 1161640, 1161621, 31256774, 31256675 VW 5 HP LT 71141 (ZF 5 HP 18FL, 19FL, 24A)
VW 5 HP LT 71141 (VW G-052-162-A1, A2) VW 5 HP (ZF 5 HP 30)
VW TL 521 62
VW TL52162, 52533
ZF 3 and 4 speed transmissions
ZF S671 090 255 (6-Speed)
ZF TE ML 02F, 03D, 04D, 05L, 14A, 14B, 14C, 16L, 16M, 17C, 21L ZF TE-ML-09, 20B, 20C
ZF TE-ML 11A and 11B
NOT RECOMMENDED FOR USE
Ford Type F / G
DCT